



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



DAN WYANT
DIRECTOR

April 19, 2012

Ms. Kristen Mariuzza
Environmental & Permitting Manager
Kennecott Eagle Minerals Co.
504 Spruce Street
Ishpeming, Michigan 49849

Dear Ms. Mariuzza:

SUBJECT: Storm Water Review/Inspection
National Pollutant Discharge Elimination System (NPDES)
Permit No. MI0058649
Designated Name: Kennecott-Humboldt Mill

The Department of Environmental Quality (DEQ), Water Resources Division (WRD), conducted an inspection of the above stated facility on March 21, 2012. This inspection was conducted with Ms. Jennifer Nutini, Environmental Advisor for Kennecott Eagle Minerals Company (KEMC). The purpose of this inspection was to evaluate a number of items; including storm water drainage on recently acquired adjacent property, sampling locations from the Short-Term Storm Water Characterization Study (i.e. study), revised construction plans, review of current soil erosion/sedimentation control and storm water measures, and potential revisions to the overall drainage plan.

During the inspection, we reviewed the new property line to evaluate storm water drainage. Ms. Nutini offered to provide a map of the new ownership to ensure accuracy. After review of that map, we will determine if any changes to the storm water section of the permit will be required.

The newly built sediment basin has two inlets that will capture storm water that used to discharge in two other locations near the main entrance. These discharge points, which were storm water sampling points in the study, may now be eliminated. Once the outlet structure (i.e. new point of discharge) on this basin is constructed, please incorporate it into the study and begin monitoring it from that point forward. Please contact us if it is decided that the storm water drainage plan will be changed (i.e. storm water directed to other discharge points).

Current soil erosion and sedimentation control (SESC) and storm water control measures were evaluated. Overall these measures held up to the recent snowmelt event; however, we discussed the need for maintenance and/or replacement of measures in certain areas relative to upcoming construction.

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During the inspection, DEQ staff witnessed no major problems or concerns associated with storm water runoff at your facility. As stated above and discussed on-site, please initiate maintenance and/or replacement of the measures that we evaluated; and keep us informed of any further changes to the drainage plan.

We greatly appreciate the open form of communication that has been established. If you have any questions or concerns, please feel free to contact me via telephone at the number below, via email at ringuettel@michigan.gov, or via mail at DEQ – WRD, Upper Peninsula District Office, 420 5th Street, Gwinn, Michigan 49841.

Sincerely,

A handwritten signature in cursive script that reads "Lindsey Ringuette".

Lindsey Ringuette
Upper Peninsula District Office
Water Resources Division
906-346-8518

LR:TC

cc: Ms. Jennifer Nutini, Environmental Advisor, Kennecott Eagle Minerals Co.
File: ISW, Marquette County, Kennecott-Humboldt Mill